

IDS Form PTO/SB/08: Substitute for form 1449A PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/825,624
Filing Date	April 14, 2004
First Named Inventor	Paul D. GROSSMAN et al.
Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	07414.0101-18000

Sheet 1 of 2

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RJA		US - 4,683,202	07-28-1987	Mullis	CL/sub
		US - 4,879,214	11-07-1989	Kornher et al.	
		US - 4,883,750	11-28-1989	Whiteley et al.	
		US - 4,925,785	05-15-1990	Wang et al.	
		US - 5,011,769	04-30-1991	Duck et al.	
		US - 5,061,361	10-29-1991	Gordon	
		US - 5,093,232	03-03-1992	Urdea et al.	
		US - 5,108,568	04-28-1992	Van Alstine	
		US - 5,171,534	12-15-1992	Smith et al.	
		US - 5,470,705	11-28-1995	Grossman et al.	
		US - 5,514,543	05-07-1996	Grossman et al.	
		US - 5,580,732	12-03-1996	Grossman et al.	
		US - 5,777,096	07-07-1998	Grossman et al.	
		US - 5,807,682	09-15-1998	Grossman et al.	
		US - 6,756,204 B2	06-10-2002	Grossman et al.	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
RJA		WO 92/08728	05-29-1992	Agrawal et al.	CL/sub	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ²
RJA		Agrawal, S. et al., "Site-Specific Functionalization of Oligodeoxynucleotides for Non-Radioactive Labeling," <i>Tetrahedron Letters</i> , 31(11):1543-1546 (1990).	
		Barany, F., "Genetic Disease Detection and DNA Amplification Using Cloned Thermostable Ligase," <i>Proc. Natl. Acad. Sci. USA</i> , 88:189-193 (1991).	
		Chen et al., "Low-Cost, High-Sensitivity Laser-Induced Fluorescence Detection for DNA Sequencing by Capillary Gel Electrophoresis," <i>J. Chrom.</i> , 559:237-246 (1991).	
		Cload, S. et al., "Polyether Tethered Oligonucleotide Probes," <i>J. Am. Chem. Soc.</i> , 113: 6324 (1991).	
		Cohen, A. et al., "High-Performance Capillary Electrophoretic Separation of Bases, Nucleosides, and Oligonucleotides: Retention Manipulation via Micellar Solutions and Metal Additives," <i>Anal. Chem.</i> , 59(7): 1021-1027 (1987).	
RJA		Cohen et al., "Rapid Separation and Purification of Oligonucleotides by High-Performance Capillary Gel Electrophoresis," <i>Proc. Natl. Acad. Sci. USA</i> , 85:9660-9663 (1988).	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/825,624	
			Filing Date	April 14, 2004	
			First Named Inventor	Paul D. GROSSMAN et al.	
			Art Unit	1645	
			Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	07414.0101-18000

NON PATENT LITERATURE DOCUMENTS		
9/24	Connell, C. et al., "Automated DNA Sequence Analysis," <i>BioTechniques</i> , 5(4): 342-348 (1987).	
	Cunico, R. et al., "Characterization of Polyethylene Glycol Modified Proteins Using Charge Reversed Capillary Electrophoresis," <i>J. Chrom.</i> , 559:467-477 (1991).	
	Duck, P. et al., "Probe Amplifier System Based on Chimeric Cycling Oligonucleotides," <i>BioTechniques</i> , 9(2):142-148 (1990).	
	Haralambidis, J. et al., "The Synthesis of Polyamide-Oligonucleotide Conjugate Molecules," <i>Nuc. Acids Res.</i> , 18(3):493-499 (1990).	
	Jorgenson, J. et al., "Capillary Zone Electrophoresis," <i>Science</i> , 222:266-272 (1983).	
	Kambara et al., "Real Time Automated Simultaneous Double-Stranded DNA Sequencing Using Two-Color Fluorophore Labeling," <i>BioTechnology</i> , 9:648-651 (1991).	
	Karger et al., "Multiwavelength Fluorescence Detection for DNA Sequencing Using Capillary Electrophoresis," <i>Nuc. Acids Res.</i> , 19(18):4955-4962 (1991).	
	Kornher, J., "Mutation Detection Using Nucleotide Analogs that Alter Electrophoretic Mobility," <i>Nuc. Acids Res.</i> , 17(19): 7779-7784 (1989).	
	Landegren, U. et al., "A Ligase-Mediated Gene Detection Technique," <i>Science</i> , 241:1077-1080 (1988).	
	Livak, K. et al., "Detection of Single Base Differences Using Biotinylated Nucleotides with Very Long Linker Arms," <i>Nuc. Acids Res.</i> , 20(18):4831-4837 (1992).	
	Mayer, P. et al., "Theory of DNA Sequencing Using Free Solution Electrophoresis of Protein-DNA Complexes," <i>Analytical Chem.</i> , 66:1777-1780 (1994).	
	Müller, W. et al., "Polyethylene Glycol Derivatives of Base and Sequence Specific DNA Ligands: DNA Interaction and Application for Base Specific Separation of DNA Fragments by Gel Electrophoresis," <i>Nuc. Acids Res.</i> , 9(1):95-119 (1981).	
	Nathakarkitkool, S. et al., "High-Resolution Capillary Electrophoretic Analysis of DNA in Free Solution," <i>Electrophoresis</i> , 13:18-31 (1992).	
	Noolandi, J., "A New Concept for Sequencing DNA by Capillary Electrophoresis," <i>Electrophoresis</i> , 13: 394-395 (1992).	
	Prober, J. et al., "A System for Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides," <i>Science</i> , 238:336-341 (1987).	
	Righetti, P., "Recent Developments in Electrophoretic Methods," <i>J. Chrom.</i> , 516:3-22 (1990).	
	Saiki, R. et al., "Enzymatic Amplification of β -Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle-Cell Anemia," <i>Science</i> , 230:1350-1354 (1985).	
	Skolnick, M. et al., "Simultaneous Analysis of Multiple Polymorphic Loci Using Amplified Sequence Polymorphisms (ASPs)," <i>Genomics</i> , 2: 273-279 (1988).	
	Winn-Deen, E. et al., "Sensitive Fluorescence Method for Detecting DNA Ligation Amplification Products," <i>Clinical Chemistry</i> , 37(9): 1522-1523 (1991).	
	Wu, D. et al., "Specificity of the Nick-Closing Activity of Bacteriophage T4 DNA Ligase," <i>Gene</i> , 76: 245-254 (1989).	
	Wu, D. et al., "The Ligation Amplification Reaction (LAR)-Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation," <i>Genomics</i> , 4:560-569 (1989).	
9/24	"Optimization and Troubleshooting DNA Sequencing with the Model 370A for use with Version 1.20 data analysis software," <i>Applied Biosystems User Bulletin</i> , 7:1-15 (April 15, 1998).	

Examiner Signature	HORLICK	Date Considered	7/26/05
--------------------	---------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.